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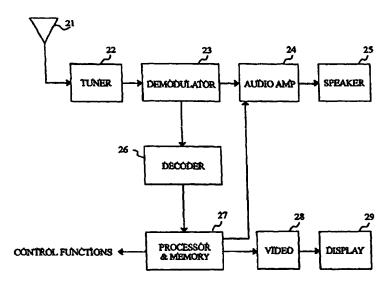
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(54) Title: EVENT MASKING FOR TELEVISION SIGNAL RECEIVER HAVING AN EMERGENCY ALERT FUNCTION



(57) Abstract: A television signal receiver (Fig. 2) having an emergency alert function provides a masked list of emergency events during a user setup process for the emergency alert function which makes the setup process easier for users, and also ensures that the emergency alert function will be activated when certain important emergency events occur. According to an exemplary embodiment, the television signal receiver (20) includes a memory (27) operative to store data associated with the emergency alert function. A processor (27) is operative to receive an input representing a geographical area and to enable generation of a masked list of emergency events responsive to the input using the data in the memory (27). The masked list of emergency events represents a subset of all emergency events associated with the emergency alert function.







For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
х	US 5,914,756 A (MAEDA et al) 22 June 1999 (22.0	06.1999), column 16, line 18 - column	1, 3-6, 8, 10-13, 15,
x	18, line 18. US 6,204,761 B1 (VANDERABLE) 20 March 2001	(20.03.2001), column 3, line 36 -	17-20 1, 3-6, 8, 10-13, 15,
<u>-</u> У	column 4, line 27.	(Coronization, Containing 5, India	17-20
I			2, 7, 9, 14, 16, 21
Y, P	US 6,543,051 B1 (MANSON et al) 01 April 2003 (01.04.03), column 2, lines 26-50,		2, 7, 9, 14, 16, 21
A	column 5, lines 7-29, Table 1, column 6, lines 3-7, column 8, lines 6-24 US 6,271,893 B1 (KAWAGUCHI et al) 07 August 2001 (07.08.01), column 4, lines 24- 1, 3-6, 8, 10-13, 15,		
	37, column 6, lines 23-52, column 7, lines 40-43, column 8, lines 34-41 17-20		17-20
A	US 6,177,873 B1 (CRAGUN) 23 January 2001 (23.01.2001), column 2, lines 14-45.		1, 8, 15
A	A US 6,313,887 B1 (GUDORF) 06 November 2001 (06.11.2001), column 4, lines 1-59.		1, 8, 15
A	US 6,278,375 B1 (HUCKER) 21 August 2001 (21.08.2001), ALL		1, 8, 15
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